User guide

MAGNAVOX
SMART. VERY SMART.

MCS230 CD Soundmachine

STOP!

Need help? Call us!

Magnavox representatives are ready to help you with any questions about your new product. We can guide you through Connections, First-time Setup, or any of the Features.We want you to start enjoying your new product right away!

CALL US BEFORE YOU CONSIDER RETURNING THE PRODUCT!

1-800-705-2000

or

Visit us on the web at www.magnavox.com

IMPORTANT! Return your Warranty Registration Card within 10 days SEE WHY INSIDE

Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- *Once your Magnavox purchase is registered, you're eligible to receive all the privileges of owning a Magnavox product.*
- *So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.*

Warranty Verification
Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Magnavox warranty.

Owner Confirmation
Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration
Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these safety *symbols*

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit which may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

MAC5097

PHILIPS CONSUMER ELECTRONICS NORTH AMERICA
Knoxville, Tennessee 37914-1810, U.S.A.

English

Español

Meet Magnavox at the Internet
http://www.magnavox.com

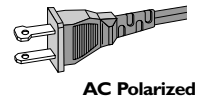
MCS230

CLASS 1 LASER PRODUCT

Printed in China

IMPORTANT SAFETY INSTRUCTIONS

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water.**
6. **Clean only with dry cloth.**
7. **Do not block any ventilation openings. Install in accordance with the manufacturer´s instructions.**
8. **Do not install near any heat sources** such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Do not defeat the safety purpose** of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.


AC Polarized Plug

10. **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only use attachments/accessories** specified by the manufacturer.
12. **Use only with the cart,** stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.
14. **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Battery usage CAUTION** – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:
    - Install **all** batteries correctly, **+** and **-** as marked on the unit.
    - Do not mix batteries (**old** and **new** or **carbon** and **alkaline**, etc.).
    - Remove batteries when the unit is not used for a long time.
16. **Apparatus shall not be exposed to dripping or splashing.**
17. **Do not place any sources of danger on the apparatus** (e.g. liquid filled objects, lighted candles).
18. This product may contain lead and mercury. Disposal of these material may be regulated due to environment considerations. **For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.**

EL 6475-E004: 03/12

Supplied accessories

AC power cord

Top and front panels (See 1)

① **Source selector** : **CD, AM, FM, TAPE/OFF**
– selects CD, tuner (AM or FM) or tape source of sound
– switches off the set

② **VOLUME** – adjusts volume level

③ **CASSETTE RECORDER keys:**

II – pauses playback or recording

■▲ – stops playback or recording;
– opens the cassette holder

◀◀ or ▶▶ – Fast winds/rewinds tape

◀ – starts playback

● – starts recording

④ **PLAY/PAUSE ▶II** - starts or pauses CD playback.

⑤ **STOP ■** – stop playback;
– erases a CD program.

⑥ **CD Display** – shows the CD functions

⑦ **SEARCH ⏮** – skips or searches a passage/ track backwards

⑧ **PROG** – programs tracks and reviews the program

⑨ **SEARCH ⏭** – skips or searches a passage/ track forward

⑩ **TUNING** – tunes to radio stations

⑪ **LIFT•OPEN** – opens the CD door.

Back panel

⑫ **Telescopic antenna** - improves FM reception.

⑬ **Battery door** - open to insert 6 x 1.5V **R-14**/ **UM2**/ **C-cells**.

⑭ **AC MAINS** - inlet for power cord.

Power Supply

The set can work on both AC power and batteries. Whenever convenient, use the power supply cord if you want to conserve battery life. Make sure you remove the plug from the set and wall outlet before inserting batteries.

Batteries (not included)

1 Open the battery compartment and insert six batteries, type **R-14**, **UM-2** or **C-cells**, preferably alkaline), with the correct polarity as indicated by the "**+**" and "**–**" symbols inside the compartment. (See 1)

2 Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.

Batteries contain chemical substances, so they should be disposed of properly.

- Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst:
- Do not mix battery types: e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.

Using AC power

1 Check if the power/mains voltage, **as shown on the type plate located on the bottom of the set,** corresponds to your local power supply. If it does not, consult your dealer or service center.

2 Connect the power cord to the **AC MAINS** inlet and the wall socket. The set is now ready for use.

3 To switch the set off completely, withdraw the power cord from the wall socket.

- Disconnect the power cord from the wall socket to protect your set during heavy thunderstorms.

The type plate is located on the bottom of the set.

Helpful hints:

– To avoid unnecessary energy consumption, always adjust the **source selector** to **TAPE/OFF** after using the set. Also check that the cassette keys are released.

Basic functions

Switching on/off the set:

1 To switch on, adjust the **source selector** to : **CD**, **AM**, **FM** or **TAPE/OFF**.

2 To switch off, adjust the **source selector** to**TAPE/OFF** and check the cassette keys are released,

Selecting sources

Adjust the source selector to **CD**, **AM**, **FM** or **TAPE/OFF** to select and toggle between sound sources.

Adjusting volume

Adjust the sound with the **VOLUME** control.

Radio reception

1 Adjust the **source selector** to **AM** or **FM** as desired..

2 Turn **TUNING** to tune to a station.

3 To switch off the radio, push the **source selector** to **TAPE/OFF** and check the cassette keys are released**.**

Helpful hints:

To improve radio reception:
– For **FM**, extend, incline and turn the telescopic antenna. Reduce its length if the signal is too strong.
– For **AM**, the set uses a built-in antenna. Direct this antenna by turning the whole set.

CD operation

Playing a CD

This CD player plays Audio Discs including CD-Recordables and CD-Rewritables.

- MP3, CD-ROMs, CD-I, CDV, VCD, DVD or computer CDs are not possible for playback.

1 Adjust the **source selector** to **CD**.

2 Insert a CD with the printed side facing up and press the CD door gently close.
➜ Display shows: - - and then the total number of tracks (See 2, 3).

3 Press **SEARCH ⏭ / ⏮** to select a track if desired.

4 Press **PLAY/PAUSE ▶II** on the set to start playback.
➜ Display: ▶ and the current track number. (See 4)

5 To pause playback, press **PLAY/PAUSE ▶II**.

6 To resume playback, press **PLAY/PAUSE ▶II**.

7 To stop CD plaback, press **STOP ■**.
➜ Display: the total number of tracks. (See 3)

Helpful hints:

The CD playback will also stop when:
– you open the CD door;
– you select **AM**, **FM** or **TAPE/OFF** sound source;
– the CD has reached the end of playback.

Selecting a different track

During playback,

- Briefly press **SEARCH ⏮ / ⏭** once or repeatedly until you find your desired track.

During stop or pause,

- Press **PLAY/PAUSE ▶II** to start playback after your desired track is selected.

Finding a passage within a track

1 During playback, press and hold down ⏮ / ⏭.
➜ The CD plays at high speed and low volume.

2 When you recognize the passage you want release ⏮ / ⏭ .
➜ Normal playback resumes.

Helpful hints:

– When your searching reaches the end of the last track, the CD playback stops.

Programming tracks

You may store up to 20 tracks in the desired sequence. If you like, store any track more than once.

1 In the stop position, press **PROG** to start programming.
➜ Display: **PROG** and ▯▯ flashing.

2 Press ⏮ or ⏭ to select your desired track.
➜ Display shows: **PROG** and your selected track number flashing. (See 5)

3 Press **PROG** to store the selected track number.
➜ Display shows: **PROG** and ▯▯ flashing for the next track to be programmed. (See 6)

4 Repeat steps **2** to **3** to select and store all desired tracks.

5 To play your program, press **PLAY/PAUSE ▶II**.
➜ Display shows: the programmed tracks and ▶ , with **PROG** flashing.

Helpful hints:

– If you try to store more than 20 tracks, no track can be selected and the display will show the 1st track in the program.

Reviewing a program

- In the stop position, press PROG repeatedly to see your stored tracks.

Erasing a program

You can erase the contents of the memory by:
– Pressing **STOP ■** (twice during playback or once in the stop position)
– Selecting ***AM***, ***FM*** or **TAPE/OFF** sound source;
– opening the CD door;
➜ Display: **PROG** disappears.

Tape operation/recording

Playing tapes

1 Adjust the **source selector** to **TAPE/OFF**.

2 Press ■▲ to open the cassette holder and insert a cassette and close the deck.

3 Press ▶ to start playback.

4 To pause playback press **II**.

5 To resume playback, press **II** again.

6 To stop the tape, press ■▲.

Fast forwarding/rewinding

1 Press ◀◀ or ▶▶ until you reach your desired passage.

2 Press ■▲ to stop rewinding/fast forwarding.

Helpful hints:

– During playback, the keys are automatically released at the end of a tape and the set is switched off (unless PAUSE mode **II** has been activated.)
– During fast forwarding/rewinding, the keys will not be released at the end of a tape. To switch off the set, make sure the cassette keys are also released.

General information on recording

- Recording is permissible insofar as copyright or. other rights of third parties are not infringed.
- For recording, use only NORMAL type cassettes (IEC type I) on which the tabs have not yet been broken. This deck is not suited for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes.
- The best recording level is set automatically. Altering the **VOLUME** will not affect the recording.
- To protect a tape from accidental erasure, break out the tabs. If you wish to record again, cover the tabs with a piece of adhesive tape.

CD synchro start recording

1 Select **CD** source.

2 Insert a CD and if desired, program tracks.

3 Press ■▲ to open the cassette holder. Insert a blank tape and close the deck.

4 Press ● to start recording.
➜ Playing of the CD program starts automatically from the beginning of the program. It is not necessary to start the CD player separately.

5 To pause recording, press **II**.

6 To resume recording, press **II** again.

7 To stop recording, press ■▲.

Recording from the Radio

1 Adjust the **source selector** to ***AM***, ***FM*** as desired.

2 Tune to a desired radio station (see **Radio reception**).

3 Follows steps 3-7 under **CD synchro start recording**.

Precautions & General Maintenance (See 7)

- Place the set on a hard and flat surface so that the system does not tilt.
- Do not expose the set, batteries, CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- Do not cover the set. Adequate ventilation with a minimum gap of 6 inches between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- To clean the set, use a dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

Tape deck maintenance (See 7)

To ensure quality recording and playback of the tape deck, clean parts Ⓐ, Ⓑ and Ⓒ as shown, once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.

1 Open the cassette holder by pressing ■▲.

2 Press ▶ and clean the roller Ⓒ.

3 Press **II** and clean the heads Ⓐ, and the capstan Ⓑ.

4 After cleaning, press ■▲.
➜ Cleaning of the heads can also be done by playing a cleaning cassette through once.

CD player and CD handling (See 7)

- If the CD player cannot read CDs correctly, use a cleaning CD to clean the lens before taking the set to repair.
- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation on the lens of your CD player. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always close the CD-tape door to avoid dust on the lens.
- To clean the CD, wipe in a straight line from the center towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a CD or attach any stickers to it.

CAUTION
Use of controls or adjustments or peformance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

If a fault occurs, first check the points listed below before taking the set for repair.
If you are unable to remedy a problem by following these hints, consult your dealer or service centre.

WARNING: ***Do not open the set as there is a risk of electric shock. Under no circumstances should you try to repair the set yourself, as this will invalidate the guarantee.***

Problem

– *Possible cause*
• Remedy

No sound /power

– *Volume not adjusted*
• Adjust the VOLUME
– *Power cord not securely connected*
• Connect the AC power cord properly
– *Batteries dead/ incorrectly inserted*
• Insert (fresh) batteries correctly

Display does not function properly/ No reaction to operation of any of the controls

– *Electrostatic discharge*
• Switch off and unplug the set. Reconnect after a few seconds

The CD skips tracks

– *CD damaged or dirty*
• Replace or clean CD
– *Program is active*
• Quit program mode

- - indication

– *No CD inserted*
• Insert a CD
– *CD badly scratched or dirty*
• Replace/ clean CD, see Maintenance
– *Laser lens steamed up*
• Wait until lens has cleared
– *CD-R is blank or not finalized/ CD-RW inserted*
• Use a finalized CD-R or suitable CD Audio disc only

Poor cassette sound quality

– *Dust and dirt on the heads, etc.*
• Clean deck parts, see Maintenance
– *Use of incompatible cassette types (METAL or CHROME)*
• Only use NORMAL (IEC I) for recording

Recording does not work

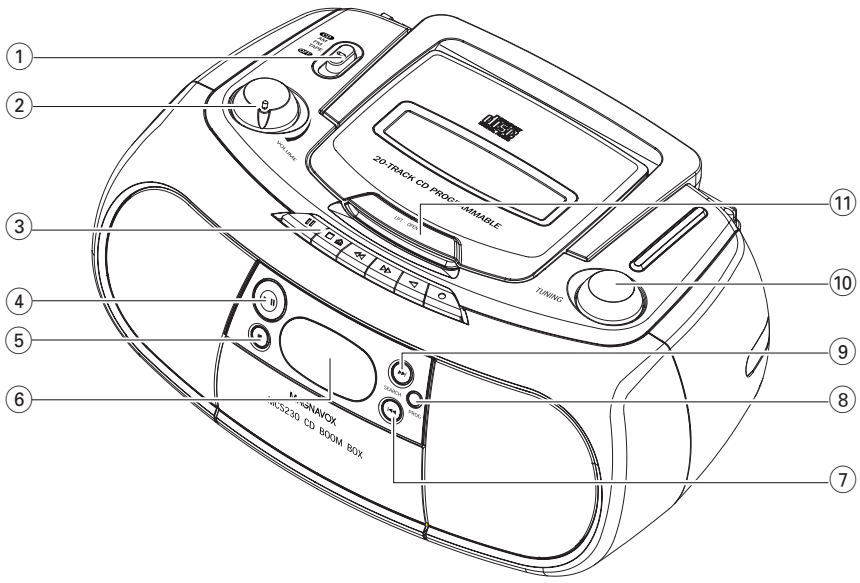
– *Cassette tab(s) may be broken*
• Apply adhesive tape over the missing tab space

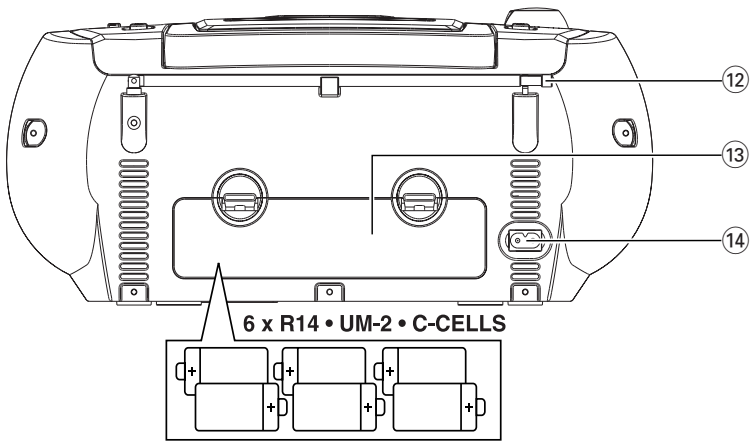
Environmental information

All unnecessary packaging material has been omitted. The packaging can be easily separated into three materials: cardboard, polystyrene and plastic.

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging, dead batteries and old equipment.

1





LIMITED WARRANTY

PORTABLE AUDIO

90 Days Free Exchange

This product must be carried in for an exchange.

WHO IS COVERED?
You must have proof of purchase to exchange the product. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

WHAT IS COVERED?
Warranty coverage begins the day you buy your product. For 90 days thereafter, a defective or inoperative product will be replaced with a new, renewed or comparable product at no charge to you. A replacement product is covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

WHAT IS EXCLUDED?
Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Magnavox.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS EXCHANGE AVAILABLE?
You may exchange the product in all countries where the product is officially distributed by Magnavox. In countries where Magnavox does not distribute the product, the local Magnavox service organization will attempt to provide a replacement product (although there may be a delay if the appropriate product is not readily available).

BEFORE REQUESTING EXCHANGE…
Please check your owner's manual for assistance. If you have additional questions, call us at 1-800-705-2000.

EXCHANGING A PRODUCT IN U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS…
Contact 1-800-705-2000 to arrange an exchange. Or, ship the product, insured and freight prepaid, and with proof of purchase enclosed, to the address listed below.

Magnavox Exchange Program
Suite A
406 North Irish Street
Greeneville TN 37745

(In U.S.A., Puerto Rico, and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

EXCHANGING A PRODUCT IN CANADA…
Please contact Magnavox at:

1-800-661-6162 (French Speaking)
1-800-705-2000 (English or Spanish Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Magnavox is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER…
Please record below the model and serial numbers found on the product. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Magnavox, P.O. Box 520890, Miami, FL 33152, USA, (402) 536-4171

EL6516T002 / 8-02

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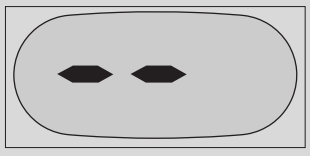

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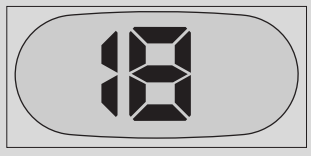

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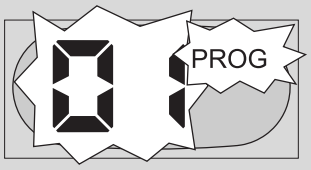

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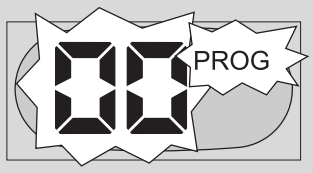

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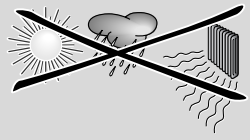

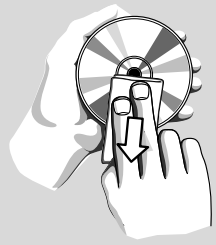

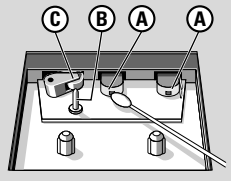

Class II equipment symbol

This symbol indicates that the unit has a double insulation system.

Canada

English: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français: Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.
Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.